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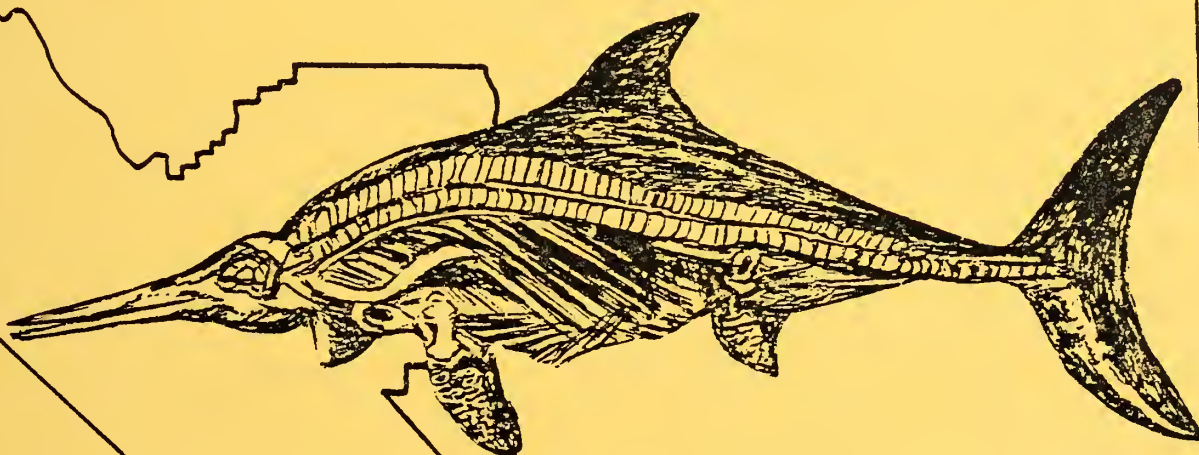
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PALEONTOLOGICAL INVENTORY  
OF THE CARSON CITY  
BUREAU OF LAND MANAGEMENT DISTRICT

AND

PALEONTOLOGICAL BIBLIOGRAPHY OF NEVADA

BLM CONTRACT YA 512-CT9-262



JAMES R. FIRBY Phd.

PRINCIPAL INVESTIGATOR

HOWARD E. SCHORN

THOMAS P. LUGASKI

VOLUME II

ASSOCIATE INVESTIGATORS

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Volume II

PALEONTOLOGICAL INVENTORY OF THE CARSON CITY  
BUREAU OF LAND MANAGEMENT DISTRICT

and

Paleontological Bibliography of Nevada  
BLM Contract YA 512-CT9-262

by James R. Firby, Ph.D.  
Howard E. Schorn, C.P.h.  
Thomas P. Lugaski, Ph.D.

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER AND SENSITIVITY EVALUATION

Vertebrate Fossil Sites

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-1 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V2800 (4) Site Name Walker River E

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 3' 30" W (9) Lat. 38° 50' 40" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE<sup>1</sup><sub>4</sub> Section 3, T. 11N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene ~~mammalian~~ fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-2 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4713 (4) Site Name Mickey Wash 1

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Water lain tuffs, "paper" shales and clay stones.

III. Geographic Data

(8) Long. 119° 10' 52" W (9) Lat. 38° 44' 58" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,000, Edition 1957  
(16) Grid Coordinates NW<sup>1</sup><sub>4</sub> Section 10, T. 10N R. 25E  
(17) Site Description Also extends to SW<sup>1</sup><sub>4</sub>/SW<sup>1</sup><sub>4</sub>, sec. 3, T10N, R25E.

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data      Mammalia

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-3 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4714 (4) Site Name Mickey Wash 2

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 11' 20" W (9) Lat. 38° 44' 59" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale \_\_\_\_\_, Edition \_\_\_\_\_  
(16) Grid Coordinates \_\_\_\_\_ Section 9, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES ☒, NO ☐, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES ☒, NO ☐, FIELD NUMBER                     

(22) Where Housed                     U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-4 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4715 (4) Site Name Smith Valley

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Tuffs, tuffaceous sandstones. Precise locality not located;  
J.R. Macdonald lists it as "unknown" (p. 873, 1959).

III. Geographic Data

(8) Long. 119° 12' 58" W (9) Lat. 38° 48' 40" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 17, T. 11N R. 25E  
(17) Site Description West end of Wilson Canyon.

(18) Land Status BLM or Bureau Rec./Power Withdrawals

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

Wilson, R.W., 1936. A Pliocene rodent fauna from Smith Valley, Nevada. Carnegie Inst. Washington Publ., no. 45.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-5 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4839 (4) Site Name High Ridge

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Interbedded sandstones and tuffs.

III. Geographic Data

(8) Long. 119° 12' 35" W (9) Lat. 38° 48' 05" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE<sup>1</sup>/SW<sup>1</sup> Section 20, T. 11N R. 25E  
(17) Site Description Three quarters of a mile south of Wilson Canyon in Petrified  
Tree Canyon, on top of first large spur extending into canyon from the  
east.  
(18) Land Status BLM or Bureau Rec./Power Withdrawals.

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Maddonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

Wilson, R.W., 1936. A Pliocene rodent fauna from Smith Valley, Nevada. Carnegie Inst. Washington Publ., no. 45.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.S. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-6 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4840 (4) Site Name Lower Petrified Canyon

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Sands and claystones.

III. Geographic Data

(8) Long. 119° 12' 12" W (9) Lat. 38° 47' 47" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SE $\frac{1}{4}$  Section 20, T. 11N R. 25E  
(17) Site Description

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title; Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

Wilson, R.W., 1936. A Pliocene rodent fauna from Smith Valley, Nevada. Carnegie Inst. Washington Publ., no. 45.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.S. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-7 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4841 (4) Site Name Upper Petrified Canyon

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Interbedded sequence of bluish sandstones, gray water lain  
tuffs and pebble conglomerates. Type locality of UCMP 38629 (Holotype)  
*Indarctos nevadensis* Macdonald.

III. Geographic Data

(8) Long. 119° 12' 35" W (9) Lat. 38° 47' 05" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 29, T. 11N R. 25E  
(17) Site Description "Two miles south of Wilson Canyon and just south of an andesite  
breccia dike that dams canyon one and one half miles south of its mouth on the  
West Walker River" (Macdonald, 1959).  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

Wilson, R.W., 1936. A Pliocene rodent fauna from Smith Valley, Nevada. Carnegie Inst. Washington Publ., no. 45.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C.Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

- Type locality of the Pliocene ursid (bear). Indarctos nevadensis  
Macdonald, 1959.



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-8 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4842 (4) Site Name Mickey Wash 3

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Tuffs (water-lain), pebble conglomerates, and interbedded  
blue sands and shales.

III. Geographic Data

(8) Long. 119° 12' 5" N (9) Lat. 38° 44' 50" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 9, T. 10N R. 25E  
(17) Site Description Probably included in UCMP V-72050, and V-17 this report.

Difference in age reported for V-17 and V-8 may be stratigraphic or, as in the  
case of V-15, is probably best regarded as Pliocene in both instances.

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-9 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4843 (4) Site Name Mt. Wilson

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Gray sandstones stained with limonite, tuffaceous shales.

III. Geographic Data

(8) Long. 119° 12' 25" W (9) Lat. 38° 50' 00" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$ /NE $\frac{1}{4}$  Section 18, T. 11N R. 25E  
(17) Site Description One half mile NW of West Walker River highway bridge at west end of Wilson Canyon.  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

Wilson, R.W., 1936. A Pliocene rodent fauna from Smith Valley, Nevada. Carnegie Inst. Washington Publ., no. 45.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-10 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V4853 (4) Site Name Mickey Wash 4

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Steeply dipping tuffaceous sandstones and shales, probably  
equivalent to strata at Mickey Wash #1

III. Geographic Data

(8) Long. 119° 10' 50" W (9) Lat. 38° 44' 09" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates NW<sup>1</sup>/<sub>4</sub>/NW<sup>1</sup>/<sub>4</sub> Section 15, T. 10N R. 25E  
(17) Site Description One mile south of Mickey Wash #1, (V-15, this report).

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY H. Schorn

(21) Fossils Collected; YES \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-11 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V5835 (4) Site Name Wilson Canyon W.

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Abundant mammalian remains, including *Pliomastodon* sp. Site  
is well known to local residents as a "collecting" locality. Recommend  
mitigation in addition to existing collections.

III. Geographic Data

(8) Long. 119° 13' 00" W (9) Lat. 38° 48' 20" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 17, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM or Bur. Rec./Power Withdrawals.

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data    Mammalia

--            Camelidae  
             Proboscidea  
--            Equidae  
             ?Felidae



PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-12 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V65213 (4) Site Name Wilson Canyon General

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Collected by J.H. Hutchinson, 1970. Same general comments  
as site V-11, this report.

III. Geographic Data

(8) Long. 119° 13' W (9) Lat. 38° 48' N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 20, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

- (20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn
- (21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER Collected by H. Hutchinson, U.C.
- (22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data      Mammalia      Ref.: Site V-11.

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-13 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V6850 (4) Site Name Petrified Canyon 3

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Comments of V-11, V-12 applicable to V-13. Well known  
locality.

III. Geographic Data

(8) Long. 119° 12' 40" W (9) Lat. 38° 47' 28" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,000, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 29, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19)

S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES ☒, NO ☐, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES ☒, NO ☐, FIELD NUMBER

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data

Mammalia

Ref.: V-11, V-12

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-14 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V6851 (4) Site Name Petrified Canyon 4

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Apparently just north of locality CIT 175 cited by J.R.  
Macdonald (1959).

III. Geographic Data

(8) Long. 119° 12' 20" W (9) Lat. 38° 47' 30" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NW<sup>1</sup><sub>4</sub>/NW<sup>1</sup><sub>4</sub> Section 29, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkley.

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-15 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V72048 (4) Site Name Mickey Canyon 1

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Although this locality is listed herein as Miocene, it's location  
along strike with other localities cited by J.R. Macdonald (1959) and close  
proximity to them indicates a probable Pliocene (Hemphillian) age.

III. Geographic Data

(8) Long. 119° 11' W (9) Lat. 38° 44' 18" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 9, T. 10N R. 25E  
(17) Site Description One mile north of Mickey Wash #4 (V-10, this report). Given by  
Macdonald as lateral equivalents, therefore, believe age to be as reported in  
(8) above.  
(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-16 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V72049 (4) Site Name Mickey Canyon 2

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: This locality also extends (as a unified locality) to the SE $\frac{1}{4}$   
Sec. 4, T9N, R25E. Interbedded water-lain tuffs and poorly sorted sandstones.

III. Geographic Data

(8) Long. 119° 11' 12" W (9) Lat. 38° 44' 40"N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 9, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

Site is quite large, with continuous fossiliferous outcroppings over an extended area.

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-17 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V72050 (4) Site Name Mickey Canyon 3

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Also listed (as all Mickey Canyon localities) as Mickey Wash #3.  
Series of tuffs, pebble conglomerates, and blue sandstones with brownish  
interbedded shale members.

III. Geographic Data

(8) Long. 119° 11' 11" W (9) Lat. 38° 44' 44" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates West  $\frac{1}{2}$  Section 9, T. 10N R. 25E  
(17) Site Description Site appears to be included in area of UCMP - V-4842 (V-8, this  
report). Possibly may be considered continuous site.  
(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data

Mammalia

Site is quite large, with continuous fossiliferous outcroppings over a wide area.

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-18 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V72051 (4) Site Name Mt. Etna N.

II. Geologic Data

(5) Formation Morgan Ranch  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 08' 18" W (9) Lat. 38° 43' 47" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates \_\_\_\_\_ Section 13, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

(The fauna at this locality was not reported in above publication, but appears to be similar.)

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   7/80  , BY   J. Firby  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                     

(22) Where Housed   U.C. Mus. Paleo., Berkeley.  

VII. Fossil Data        Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-19 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74026 (4) Site Name Wilson Canyon 3

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Gray sandstones, shales, water-laid tuffs. Precise locality  
somewhat vague, appears to lie between V-9 and V-32 of this report.

III. Geographic Data

(8) Long. 119° 13' 30" W (9) Lat. 38° 48' 45" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 11N R. 25E  
(17) Site Description Possibly continuous with CIT 177 (V-32, this report) and UCMP V4843  
(V-9, this report).  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-20 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74070 (4) Site Name Petrified Canyon 5

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Sands and clays. Referred to as Lower Petrified Canyon in  
literature.

III. Geographic Data

(8) Long. 119° 13' 01" W (9) Lat. 38° 48' 14" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW<sup>1</sup><sub>4</sub>/NW<sup>1</sup><sub>4</sub> Section 20, T. 11N R. 24E  
(17) Site Description On east wall of canyon on small spur, about 1/4 mile south  
of the high ridge.  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-21 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74095 (4) Site Name Wilson Canyon 6

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Site is apparently known to local rock hounds.

III. Geographic Data

(8) Long. 119° 13' 30" W (9) Lat. 38° 48' 24" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 19, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM or Bureau Rec./Power Withdrawals.

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   7/80  , BY   J. Firby and H. Schorn  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                                 

(22) Where Housed   U.C. Mus. Paleo., Berkeley  

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-22 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74138 (4) Site Name Pine Grove Hills 1

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: In apparently similar lithologies to J.R. Macdonald fauna.  
Subsequent discovery, probably extension of same units. Collected in 1970  
by H. Hutchinson, U.C. Berkeley.

III. Geographic Data

(8) Long. 119° 14' 03" W (9) Lat. 38° 47' 17" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW<sub>1</sub><sup>1</sup>/NW<sub>1</sub><sup>1</sup> Section 30, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-23 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74139 (4) Site Name Pine Grove Hills 2

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: See comments for V-22, this report.

III. Geographic Data

(8) Long. 119° 13' 01" N (9) Lat. 38° 47' 29" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NW<sup>1</sup>/<sub>4</sub>/NW<sup>1</sup>/<sub>4</sub> Section 29, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data

Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-24 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74140 (4) Site Name Pine Grove Hills 3

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 10' 30" W (9) Lat. 28° 47' 35" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 29, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-25 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74141 (4) Site Name Pine Grove Hills 4

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Probably may be considered an extension of UCMP V-4842 (V-8,  
this report).

III. Geographic Data

(8) Long. 119° 11' 20" W (9) Lat. 38° 45' 13" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SE $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 4, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_ BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-26 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74142 (4) Site Name Pine Grove Hills 5

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: See V-25

III. Geographic Data

(8) Long. 119° 11' 20" W (9) Lat. 38° 45' 30" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SE<sup>1</sup>/<sub>4</sub>/NW<sup>1</sup>/<sub>4</sub> Section 4, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-27 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74143 (4) Site Name Pine Grove Hills 6

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: See V-25.

III. Geographic Data

(8) Long. 119° 09' 45" N (9) Lat. 38° 45' 11" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 2, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-28 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74144 (4) Site Name Pine Grove Hills 7

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: See V-25.

III. Geographic Data

(8) Long. 119° 10' 33" W (9) Lat. 38° 45' 08" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 3, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-29 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74145 (4) Site Name Wellington Spring 1

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: See V-25.

III. Geographic Data

(8) Long. 119° 14' 00" W (9) Lat. 38° 44' 37" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 8, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-30 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74146 (4) Site Name Mickey Canyon 4

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 10' 35" W (9) Lat. 38° 43' 32" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates NW $\frac{1}{4}$  Section 15, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-31 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74147 (4) Site Name Mickey Canyon 5

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 10' 34" W (9) Lat. 38° 43' 39" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates \_\_\_\_\_ Section 15, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-32 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74148 (4) Site Name CIT 177

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Equals, Calif. Inst. Technology, Loc. CIT 177. Noted as S-1  
for abundant remains of *Paracamelus* sp.

III. Geographic Data

(8) Long. 119° 13' 31" W (9) Lat. 38° 48' 59" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$ /NE $\frac{1}{4}$  Section 18, T. 11N R. 25E  
(17) Site Description Two and four tenths miles S 11° W from Summit, Mt. Wilson.

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-1

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley; Calif. Inst. Technology

VII. Fossil Data Mammalia

Abundant remains of Paracamelus, and as yet unnamed species of this genus. Also abundant but fragmentary remains of Antilocapridae, generic identification not made due to lack of material.

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-33 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74149 (4) Site Name CIT 173

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Equals Calif. Inst. Technology Loc. CIT 173

III. Geographic Data

(8) Long. 119° 14' 31" W (9) Lat. 38° 48' 01" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NW $\frac{1}{4}$ /SE $\frac{1}{4}$  Section 24, T. 11N R. 24E  
(17) Site Description Three and sixty-seven hundredths (3.67) miles from the summit  
of Mt. Wilson along a bearing of S. 19° W.  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

- (20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby
- (21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_
- (22) Where Housed U.C. Mus. Paleo., Berkeley; Calif. Inst. Technology

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-34 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V74150 (4) Site Name CIT 175

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Equals Calif. Inst. Technology Loc. CIT 175.

III. Geographic Data

(8) Long. 119° 13' 43" W (9) Lat. 38° 47' 23" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 29, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley; Calif. Inst. Technology

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-35 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V75042 (4) Site Name Wilson Canyon 4

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Collected by S.W. Edwards.

III. Geographic Data

(8) Long. 119° 13' 47" W (9) Lat. 38° 48' 47" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 11N R. 24E  
(17) Site Description \_\_\_\_\_

(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-36 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V75052 (4) Site Name Wilson Canyon 5

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 14' 24" W (9) Lat. 38° 49' 05" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 13, T. 11N R. 24E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM or Patented Land

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-37 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V75053 (4) Site Name Petrified Canyon 6

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Probably a continuation of CIT 173 (V-33, this report).

III. Geographic Data

(8) Long. 119° 13' 12" W (9) Lat. 38° 48' 05" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE<sub>1</sub>/SE<sub>1</sub> Section 19, T. 11N R. 25E  
(17) Site Description

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data

Mammalia



## PALEONTOLOGICAL RESOURCES INVENTORY

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## DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

## I. Site Number, Name and Institutional Site Number

(1) Number V-38 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V76089 (4) Site Name Wilson Hot Spring, W.

## II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Site searched for but not located.

## III. Geographic Data

(8) Long. 119° 11' 10" W (9) Lat. 38° 46' 08" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 33, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby (not located)

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-39 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V77016 (4) Site Name Pine Grove Hills 8

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Probably equivalent of CIT 176.

III. Geographic Data

(8) Long. 119° 11' 23" W (9) Lat. 38° 45' 30" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SE $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 4, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-40 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V79028 (4) Site Name Mickey Canyon 6

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: V79028 is also shown in SE $\frac{1}{4}$ /SE $\frac{1}{4}$  of S. 4 on map.

III. Geographic Data

(8) Long. 119° 10' 57" W (9) Lat. 38° 45' 08" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 3, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   7/80  , BY   J. Firby and H. Schorn  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                   

(22) Where Housed   U.C. Mus. Paleo., Berkeley  

VII. Fossil Data     Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-41 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V79029 (4) Site Name Mickey Canyon 7

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 10' 33" W (9) Lat. 38° 45' 05" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates Center Section 3, T. 10N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80 BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-42 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number 1034 (4) Site Name Truckee River Canal

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Construction and mining activity in nearby areas. This is part  
of R.A. Stirton's "Hazen Fauna". Equivalent to lower member of Truckee  
Formation.

III. Geographic Data

(8) Long. 119° 05' 25" W (9) Lat. 39° 33' 20" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 32, T. 20N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM/ Bureau Rec.

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 11/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley; M.S.M. Mus., UNR, Reno, NV

VII. Fossil Data      Mammalia

Unusual Teleoceras sp. undet., as well as antilocaprids, camelids, equuids, etc.

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-43 (2) B.L.M. Map and Plot Overlay Edward Creek Valley  
(3) Inst. Site Number 1062 (4) Site Name New Pass Mine W.

II. Geologic Data

(5) Formation Prida  
(6) Age Traissic  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 30' 22" W (9) Lat. 39° 37' 02" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millet , Edition 1955  
(15) Quad. Edwards Creek Valley , Scale 1:62,500 , Edition 1966  
(16) Grid Coordinates \_\_\_\_\_ Section 5 , T. 20N R. 40E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) \_\_\_\_\_

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Reptila

Ichthyosaur

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-44 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V-8444 (4) Site Name Nightingale Road 1

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Siltstones, some sandstones, weakly indurated or unconsolidated.  
In what Axelrod (1956) called the lower member of the Truckee formation,  
equivalent to Black Hawk fauna, Ca. See comments for V-45, 46, this report.

III. Geographic Data

(8) Long. 119° 4' 6" W (9) Lat. 39° 55' 35" N (10) State NV  
(11) County Churchill (12) B.L.M. District Adjacent to but N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$  Section 16/21, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

- (20) Field Check; YES X, NO \_\_\_\_\_, DATE 4/80, BY J. Firby
- (21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_
- (22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

Presence of Eucastor leconti is basis for age assignment to Clarendonian.



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-45 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V4845 (4) Site Name Brady Pocket 1

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Lower member of Truckee formation (see V-44). Adjacent to Carson  
City district, equivalent of Hazen fauna and judged to be a lateral extension  
of that facies (same for V-44).

III. Geographic Data

(8) Long. 119° 03' 58" W (9) Lat. 39° 56' 05" N (10) State NV  
(11) County Churchill (12) B.L.M. District Adjacent to but N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 21, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-46 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V5522 (4) Site Name Brady Pocket 2

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: See V-45, this report.

III. Geographic Data

(8) Long. 119° 03' 42" W (9) Lat. 39° 55' 25" N (10) State NV  
(11) County Churchill (12) B.L.M. District Adjacent to but N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 28, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_ (Out of district)

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-47 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V5613 (4) Site Name Chickabed Quarry 2

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Lower member Truckee formation. Poorly sorted sandstones, weakly  
cemented to compacted. Lateral terrestrial facies grades into lacustrine  
facies w/non-marine mollusks to north, out of Carson City district.

III. Geographic Data

(8) Long. 119° 05' 40" W (9) Lat. 39° 31' 25" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 8, T. 19N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

Firby, J.R., 1966. New non-marine mollusca from the Esmeralda Formation, Nevada. Calif. Acad. Sci. Proc. Ser. IV, 33: 453-480.

VI. Field and Collection Data

(20) Field Check; YES  X , NO  , DATE  4/80 , BY  J. Firby

(21) Fossils Collected; YES  X , NO  , FIELD NUMBER

(22) Where Housed  U.C. Mus. Paleo., Berkeley; M.S.M. Mus., UNR, Reno, NV

VII. Fossil Data  Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

-434-

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-48 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V5778 (4) Site Name Hazen 2

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 1' 58" W (9) Lat. 39° 34' 32" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 26, T. 20N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM/ Bureau Rec.

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 4/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-49 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V6350 (4) Site Name Vicker's Pocket

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 03' 45" W (9) Lat. 39° 55' 36" N (10) State NV  
(11) County Churchill (12) B.L.M. District Adjacent to but N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 21, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-50 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V66146 (4) Site Name LACM 6663

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Equals Los Angeles County Museum Loc. LACM 6663

III. Geographic Data

(8) Long. 119° 03' 40" W (9) Lat. 39° 31' 30" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SE<sub>4</sub> Section 9, T. 19N R. 26E  
(17) Site Description

(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES ☒, NO ☐ DATE 6/80 BY H. Schorn

(21) Fossils Collected; YES ☒, NO ☐ FIELD NUMBER

(22) Where Housed U.C. Mus. Paleo., Berkeley; Los Angeles County Mus.

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-51 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V6996 (4) Site Name Nightingale Road 2

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 04' 01" W (9) Lat. 39° 55' 31" N (10) State NV  
(11) County Churchill (12) B.L.M. District Adjacent to but N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 28, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-52 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V6997 (4) Site Name Brady Pocket E.

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 03' 56" W (9) Lat. 39° 56' 07" N (10) State NV  
(11) County Churchill (12) B.L.M. District Dist. N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 21, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

~~Mammalia~~

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-53 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V6998 (4) Site Name Brady Pocket Fish Bed

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Diatomite

III. Geographic Data

(8) Long. 119° 04' 01" W (9) Lat. 39° 56' 13" N (10) State NV  
(11) County Churchill (12) B.L.M. District Adjacent Dist. N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 21, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X DATE \_\_\_\_\_ BY \_\_\_\_\_

(21) Fossils Collected; YES X NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Fish

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-54 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V6999 (4) Site Name Nightingale Fish 1

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Unusually well preserved fish in diatomite

III. Geographic Data

(8) Long. 119° 04' 30" W (9) Lat. 39° 56' 21" N (10) State NV  
(11) County Churchill (12) B.L.M. District Dist. N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 21, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data     Fish

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-55 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V69100 (4) Site Name Nightingale Fish 2

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 04' 03" W (9) Lat. 39° 56' 22" N (10) State NV  
(11) County Churchill (12) B.L.M. District Dist. N. of Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 21, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Fish

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-56 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70139 (4) Site Name Nevaxel 4

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Site name derived from D.I. Axelrod

III. Geographic Data

(8) Long. 117° 54' 10" W (9) Lat. 39° 15' 44" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 11, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_ DATE 6/80 BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-57 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70140 (4) Site Name Nevaxel 5

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: See V-56, this report.

III. Geographic Data

(8) Long. 117° 54' 10" W (9) Lat. 39° 15' 41" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 11, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 33: 321 p.

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-58 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70142 (4) Site Name Nevaxel 6

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 10" W (9) Lat. 39° 15' 41" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 11, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 33: 321 p.

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-59 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70147 (4) Site Name Nevaxel 11

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 23" W (9) Lat. 39° 15' 49" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 10, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM  
V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-60 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V70188 (4) Site Name Truckee Canal W.

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 05' 00" W (9) Lat. 39° 32' 27" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 5, T. 19N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Stirton, R.A., 1940. The Nevada Miocene and Pliocene faunas as faunal units. Proc. 6th Pacific Sci. Cong., v. 2.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-61 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V72052 (4) Site Name Mason Ranch

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 04' 25" W (9) Lat. 39° 32' 23" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 4, T. 19N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM or Patented Land

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   6/80  , BY   H. Schorn  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                     

(22) Where Housed   U.C. Mus. Paleo., Berkeley  

VII. Fossil Data   Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-62 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V72053 (4) Site Name Eastgate S. 1

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 53' 00" W (9) Lat. 39° 16' 00" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 11, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-63 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V74094 (4) Site Name Middlegate 1

II. Geologic Data

(5) Formation Monarch Mill  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 57' 54" W (9) Lat. 39° 17' 29" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 31, T. 17N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-64 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V74103 (4) Site Name Chalicothere Quarry

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Most of the fossil material from this locality has been collected,  
although further exploration may expose more material.

III. Geographic Data

(8) Long. 117° 54' 22" W (9) Lat. 39° 15' 48" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 10, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-65 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V74104 (4) Site Name Nevaxel NW

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 20" W (9) Lat. 39° 15' 57" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 11, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-66 (2) B.L.M. Map and Plot Overlay Excelsior Mt.  
(3) Inst. Site Number V4836 (4) Site Name Mt. Lewis

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 55' 20" W (9) Lat. 38° 00' 10" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker Lake  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Aurora, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 1, T. 7N R. 27E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status Patented Land

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-67 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V4837 (4) Site Name Mt. Lewis Upper

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 55' 25" W (9) Lat. 38° 00' 15" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM or Patented Land

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-68 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V4838 (4) Site Name Lewis Coal Mine E.

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 54' 40" W (9) Lat. 38° 30' 28" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM or Patented Land

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-69 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V5111 (4) Site Name Coal Valley 7

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Possibly contiguous with V-68, this report.

III. Geographic Data

(8) Long. 118° 54' 22" W (9) Lat. 38° 30' 24" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM or Patented Land

V. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-70 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V72040 (4) Site Name Coal Valley 12

I. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 118° 54' 38" W (9) Lat. 38° 30' 18" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM or Patented Land

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., c. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES ☒, NO ☐, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES ☒, NO ☐, FIELD NUMBER

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-71 (2) B.L.M. Map and Plot Overlay Excelsior Mt.  
(3) Inst. Site Number V4705 (4) Site Name Squaw Valley 2

I. Geologic Data

(5) Formation Aldrich Station  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 118° 53' 59" W (9) Lat. 38° 29' 54" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Aurora, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 6, T. 7N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM  
V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Univ. Calif. Publ. Geol. Sci., 33: 321

VI. Field and Collection Data

(20) Field Check; YES ☒ , NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES ☒ , NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-72 (2) B.L.M. Map and Plot Overlay Excelsior Mt.  
(3) Inst. Site Number V4706 (4) Site Name Squaw Valley 3

I. Geologic Data

(5) Formation Aldrich Station  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 118° 54' 00" W (9) Lat. 38° 29' 58" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Aurora, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 6, T. 7N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-73 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V4707 (4) Site Name Flexure Point

Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

Geographic Data

(8) Long. 118° 54' 16" W (9) Lat. 38° 30' 14" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 31, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee Formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-74 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V4708 (4) Site Name Coal Valley 5

Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Geographic Data

(8) Long. 118° 54' 31" W (9) Lat. 38° 30' 23" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM or Patented Land

Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-75 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V5570 (4) Site Name Stewart Spring 2

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 55' 30" W (9) Lat. 38° 35' 30" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1956  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates \_\_\_\_\_ Section 35, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

- Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione Valleys in west-central Nevada. Univ. Calif. Publ. Bull. Dept. Geol., v. 8.
- Mawby, J.E., 1965. Pliocene vertebrates and stratigraphy in Stewart and Ione Valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.
- Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountain region of western Nevada. Univ. Calif. Publ. Bull. Dept. Geol., v. 9

VI. Field and Collection Data

- (20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY H. Schorn, J. Firby
- (21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_
- (22) Where Housed U.C. Mus. Paleo., Berkeldy

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-76 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V5915 = (4) Site Name Tedford Pocket  
(V6579)

Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Fine grained sandstone and siltstone. Abundant fossil material  
of smaller mammals make this an extremely important locality.

Geographic Data

(8) Long. 117° 55' 55" W (9) Lat. 38° 35' 21" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE<sub>1</sub>/SE<sub>1</sub>/SE<sub>1</sub> Section 35, T. 9N R. 36E  
(17) Site Description In small hill just north of road leading to Stewart Spring.

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-1



- Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione Valleys in west-central Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 8.
- Mawby, J.E., 1965. Pliocene vertebrates and stratigraphy in Stewart and Ione Valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.
- Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountain region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 9.

(20) Field Check; YES X, NO           , DATE 8/80 BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO           , FIELD NUMBER                     

(22) Where Housed U.C. Mus. Paleo., Berkeley

## Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-77 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number B6007 (4) Site Name Battle's Well

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Mostly fragments of limb bones of herbivore.

III. Geographic Data

(8) Long. 117° 57' 00" W (9) Lat. 38° 26' 52" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. \_\_\_\_\_, Scale \_\_\_\_\_, Edition \_\_\_\_\_  
(16) Grid Coordinates \_\_\_\_\_ Section 22, T. 7N R. 36E  
(17) Site Description \_\_\_\_\_  
  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

- Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione Valleys in west-central Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 8.
- Mawby, J.E., 1965. Pliocene vertebrates and stratigraphy in Stewart and Ione Valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.
- Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountain region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 9.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 11/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

(Collected by D. Savage, U.C., Berkeley)

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-78 (2) B.L.M. Map and Plot Overlay Tonopah  
(3) Inst. Site Number V6003 (4) Site Name Dunlap Canyon

II. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Karnian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 00' 00" W (9) Lat. 38° 24' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. \_\_\_\_\_, Scale \_\_\_\_\_, Edition \_\_\_\_\_  
(16) Grid Coordinates \_\_\_\_\_ Section \_\_\_\_\_, T. 6N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione Valleys in west-central Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 8.

Mawby, J.E., 1965. Pliocene vertebrates and stratigraphy in Stewart and Ione Valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountain region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 9.

VI. Field and Collection Data

(20) Field Check; YES   X  , NO            DATE   11/80   BY   J. Firby  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                   

(22) Where Housed   U.C. Mus. Paleo., Berkeley  

VII. Fossil Data

Reptila

Ichthyosaur

(Collected by S. Wells, U.C., Berkeley)

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-79 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6038 (4) Site Name Snowball Valley W. 1

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Interbedded diatomites, sandstones. Non-marine mollusks  
associated with mammals.

III. Geographic Data

(8) Long. 117° 53' 00" W (9) Lat. 38° 38' 31" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 17, T. 9N R. 36E (37E on  
BLM 1:100,000)  
(17) Site Description This is unsurveyed area and there is a  
difference between AMS and BLM sheets.

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione Valleys in west-central Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 8.

Mawby, J.E., 1965. Pliocene vertebrates and stratigraphy in Stewart and Ione Valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountain region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 9.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 11/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

Associated non-marine mollusks.



PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-80 (2) B.L.M. Map and Plot Overlay Tonopah  
(3) Inst. Site Number V6133 (4) Site Name Mottern

II. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Karnian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 48' 16" W (9) Lat. 38° 28' 45" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah , Edition 1951  
(15) Quad. \_\_\_\_\_ , Scale \_\_\_\_\_ , Edition \_\_\_\_\_  
(16) Grid Coordinates \_\_\_\_\_ Section 12 , T. 7N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mottern, H.H., Jr., 1962. Pre-Tertiary geology of a portion of Cedar Mountain, Nevada. M.A. thesis, Univ. Calif., Berkeley.

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   11/80  , BY   J. Firby  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                     

(22) Where Housed   U.C. Mus. Paleo., Berkeley  

VII. Fossil Data

Reptila

Ichthyosaur

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-81 (2) B.L.M. Map and Plot Overlay \_\_\_\_\_  
(3) Inst. Site Number \_\_\_\_\_ (4) Site Name \_\_\_\_\_

II. Geologic Data

(5) Formation \_\_\_\_\_  
(6) Age \_\_\_\_\_  
(7) Additional Data: Site by number only - out of district.  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. \_\_\_\_\_ (9) Lat. \_\_\_\_\_ (10) State \_\_\_\_\_  
(11) County \_\_\_\_\_ (12) B.L.M. District \_\_\_\_\_  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet \_\_\_\_\_, Edition \_\_\_\_\_  
(15) Quad. \_\_\_\_\_, Scale \_\_\_\_\_, Edition \_\_\_\_\_  
(16) Grid Coordinates \_\_\_\_\_ Section \_\_\_\_\_, T. \_\_\_\_\_ R. \_\_\_\_\_  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status \_\_\_\_\_

IV. Sensitivity Evaluation (19) \_\_\_\_\_

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_

VII. Fossil Data

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-82 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V70136 (4) Site Name "Snail Cliff"

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Equals I-24, this report. Sensitivity is high, as site is a  
rare combination of invertebrates and vertebrates, and close (+ 100 yds) to  
fossil plants (wood).

III. Geographic Data

(8) Long. 117° 56' 21" W (9) Lat. 38° 36' 18" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1959  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates \_\_\_\_\_ Section 20, T. 9N R. 36E (is near  
center, see 26 on BLM map).  
(17) Site Description On Goldyke 3 SW quad, 1:24,000,  
prelim., site is near center of Sec. 26  
  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-1

V. Literature Data (By: Author(s), Year, Title, Publication)

Firby, J.R., 1966. New non-marine mollusca from the Esmeralda formation, Nevada. Proc. Calif. Acad. Sci., 4th Ser., v. 33, no. 14.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80; 11/80 BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley; Calif. Acad. Sci.; M.S.M., UNR, Reno, NV

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-83 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V71100 (4) Site Name Coal Valley NE 1

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 45" W (9) Lat. 38° 03' 20" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description Site known by computer plot of UCMP, Berkeley, only.  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM  
(19) Sensitivity Evaluation S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-84 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V72041 (4) Site Name Coal Valley NE 6

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118<sup>8</sup> 54' 10" W (9) Lat. 38° 33' 25" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. MT. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description Site known by computer plot, UCMP, Berkeley, only.  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM  
V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-85 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V72042 (4) Site Name Coal Valley NE 7

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 48" W (9) Lat. 38° 33' 02" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description Site known by computer plot, UCMP, Berkeley, only.  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-86 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V72043 (4) Site Name Coal Valley NE 8

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 32" W (9) Lat. 38° 33' 09" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description Site known by computer plot, UCMP, Berkeley, only.  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-87 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V72044 (4) Site Name Coal Valley NE 9

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 28" W (9) Lat. 38° 33' 19" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian fauna from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-88 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V72045 (4) Site Name Chipmunk Spring 1

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 52' 25" W (9) Lat. 38° 37' 02" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 29, T. 9N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM  
IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.S. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-89 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V72046 (4) Site Name Chipmunk Spring 2

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 52' 29" W (9) Lat. 38° 37' 05" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 20, T. 9N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM  
V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80 BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-90 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V72047 (4) Site Name Chipmunk Spring 3

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 52' 42" W (9) Lat. 38° 37' 11" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 20, T. 9N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM or Public Water Reserves

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-91 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V75027 (4) Site Name Coal Valley NE 11

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 54' 09" W (9) Lat. 38° 33' 14" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM  
IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_ DATE 6/80 BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-92 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V75028 (4) Site Name Coal Valley NE 12

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 54' 09" W (9) Lat. 38° 33' 30" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-93 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V75029 (4) Site Name Coal Valley NE 13

I. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 118° 52' 39" W (9) Lat. 38° 33' 14" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 17, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-94 (2) B.L.M. Map and Plot Overlay Tonopah  
(3) Inst. Site Number V75088 (4) Site Name Luning LS Crest

II. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Karnian)  
(7) Additional Data: Equals, U.C.M.P. Loc. 5874, or I-17, this report.

III. Geographic Data

(8) Long. 117° 50' 15" W (9) Lat. 38° 29' 54" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1959  
(16) Grid Coordinates \_\_\_\_\_ Section 2, T. 7N R. 37E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Ferguson, H.G. and S.W. Muller, 1949. Structured geology of the Hawthorne and Tonopah quadrangles, Nevada. U.S. Geol. Survey Prof. Paper 216.

Silberling, N.J., 1959. Pre-Tertiary stratigraphy and Upper Triassic paleontology of the Union district, Shoshone Mountains, Nevada. U.S. Geol. Survey Prof. Paper 322: 67 p.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.S. Mus. Paleo., Berkeley

VII. Fossil Data

Reptila

Ichthyosaur

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-95 (2) B.L.M. Map and Plot Overlay Tonopah  
(3) Inst. Site Number V75090 (4) Site Name Western Luning

I. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Karnian)  
(7) Additional Data: Limestone with interbedded limy shales. Some marine invertebrates,  
mostly bivalves and cyphalopods.

II. Geographic Data

(8) Long. 117° 50; 15" W (9) Lat. 38° 28' 45" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1959  
(16) Grid Coordinates \_\_\_\_\_ Section 14, T. 7N R. 37E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Ferguson, H.G. and S.W. Muller, 1949. Structured geology of the Hawthorne and Tonopah quadrangles, Nevada. U.S. Geol. Survey Prof. Paper 216.

Silberling, N.J., 1959. Pre-Tertiary stratigraphy and Upper Triassic paleontology of the Union district, Shoshone Mountains, Nevada. U.S. Geol. Survey Prof. Paper 322: 67 p.

VI. Field and Collection Data

(20) Field Check; YES ☒, NO ☐, DATE 7/80 BY J. Firby

(21) Fossils Collected; YES ☒, NO ☐, FIELD NUMBER                     

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Reptila

Ichthyosaur

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-96 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V77097 (4) Site Name Weber Dam 1

I. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 118° 51' 20" W (9) Lat. 39° 02' 47" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Schurz, Scale 1:62,500, Edition 1964  
(16) Grid Coordinates \_\_\_\_\_ Section 38, T. 13N R. 28E  
(17) Site Description Site from UCMP computer print out only.

(18) Land Status Indian Lands

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

McGee, 1889, Amer. Anthro., v. 2:301-312.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-97 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1969 (4) Site Name "Snail Cliff"

I. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Although this locality bears the name "Snail Cliff", it is in Nye  
County, east side of Cedar Mt., and is not to be confused with UCMP B-2051  
(I ), this report.

II. Geographic Data

(8) Long. 117° 42' 20" W (9) Lat. 38° 33' 15" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 17, T. 3N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

✓ Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES ☒, NO ☐, DATE 11/80, BY J. Firby

(21) Fossils Collected; YES ☒, NO ☐, FIELD NUMBER                     

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data     Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-98 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1970 (4) Site Name Ione Valley 2

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: This locality through V-119, this report, are not within the  
Carson City dist., but adjacent to it. They are related to the mammalian  
faunas of Stewart Valley and included herein and on the maps for that reason.

III. Geographic Data

(8) Long. 117° 43' 05" W (9) Lat. 38° 33' 20" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 17, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-99 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1971 (4) Site Name Ione Valley 3

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 117° 43' 20" W (9) Lat. 38° 31' 30" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 29, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-100 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1972 (4) Site Name Ione Valley 4

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 43' 15" W (9) Lat. 38° 33' 00" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 17, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_ BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-101 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1973 (4) Site Name Ione Valley 5

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 32' 40" W (9) Lat. 38° 33' 15" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 16, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-102 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1974 (4) Site Name Ione Valley 6

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 42' 20" W (9) Lat. 38° 33' 35" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 16, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_ BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-103 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1975 (4) Site Name Ione Valley 7

Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Geographic Data

(8) Long. 117° 41' 45" W (9) Lat. 38° 33' 45" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 15, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-104 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1976 (4) Site Name Ione Valley 8

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 44' 55" W (9) Lat. 38° 31' 50" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 30, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) \_\_\_\_\_



V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_ BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_ U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-105 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1977 (4) Site Name Ione Valley 9

Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

Geographic Data

(8) Long. 117° 40' 00" W (9) Lat. 38° 31' 00" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 32, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) \_\_\_\_\_

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_ U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-106 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1978 (4) Site Name Ione Valley 10

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 35' 50" W (9) Lat. 38° 32' 45" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 21, T. 8N R. 39E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-107 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1979 (4) Site Name Cedar Mt.

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 36' 20" W (9) Lat. 38° 32' 37" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 21, T. 8N R. 39E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_ U.C. Mus. Paleo. Berkeley

VII. Fossil Data     Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-108 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 1980 (4) Site Name Ione Valley 11

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 32' 40" N (9) Lat. 38° 33' 40" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 16, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

~~Mammalia~~

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-109 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 2022 (4) Site Name Ione Valley 13

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 42' 40" W (9) Lat. 38° 34' 00" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 9, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_ U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-110 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 2023 (4) Site Name Ione Valley 14

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 43' 30" W (9) Lat. 38° 34' 10" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 8, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_ BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_ U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-111 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 2024 (4) Site Name Ione Valley 15

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 43' 10" W (9) Lat. 38° 34' 00"N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 8, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrates fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Bull., Dept. Geol. 9: 161-198.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_ U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-112 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V3423 (4) Site Name Manhattan Gulch

I. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 5' 35" W (9) Lat. 38° 32' 30" W (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Manhattan, Scale 1:24,000, Edition 1971  
(16) Grid Coordinates \_\_\_\_\_ Section \_\_\_\_\_, T. 8N R. 43E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM or National Forest

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-113 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V5342 (4) Site Name Union Canyon 1

I. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Karnian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 35' 29" W (9) Lat. 38° 52' 36" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Ione, Scale 1:62,500, Edition 1950  
(16) Grid Coordinates \_\_\_\_\_ Section 28, T. 12N R. 39E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status Federal Agency Protective With drawals

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Reptilia

Ichthyosaur

## PALEONTOLOGICAL RESOURCES INVENTORY

## DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

## Site Number, Name and Institutional Site Number

(1) Number V-114 (2) B.L.M. Map and Plot Overlay Ione Valley  
 (3) Inst. Site Number V5343 (4) Site Name Union Canyon 2

## Geologic Data

(5) Formation Luning  
 (6) Age Triassic (Karnian)  
 (7) Additional Data: \_\_\_\_\_

## II. Geographic Data

(8) Long. 117° 35' 24" W (9) Lat. 38° 52' 28" N (10) State NV  
 (11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
 (13) Planning Unit \_\_\_\_\_  
 (14) AMS Sheet Tonopah, Edition 1962  
 (15) Quad. Ione, Scale 1:62,500, Edition 1950  
 (16) Grid Coordinates \_\_\_\_\_ Section 28, T. 12N R. 39E  
 (17) Site Description \_\_\_\_\_

(18) Land Status Federal Agency Protective Withdrawals

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Reptilia

-                      Ichthyosaur



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-115 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V5344 (4) Site Name Union Canyon 3

I. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Karnian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 34' 58" W (9) Lat. 38° 52' 44" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Ione, Scale 1:62,500, Edition 1950  
(16) Grid Coordinates \_\_\_\_\_ Section 27, T. 12N R. 39E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status Federal Agency Protective Withdrawals

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Reptilia

Ichthyosaur

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-116 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6141 (4) Site Name Andesite Hill

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 43' 24" W (9) Lat. 38° 31' 48" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 30, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-117 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6146 (4) Site Name Bobcat Hill

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 41' 18" W (9) Lat. 38° 33' 24" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 16, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

-574-

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-118 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6207 (4) Site Name Holton Pocket

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 43' 18" W (9) Lat. 38° 33' 12" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data           Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-119 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6208 (4) Site Name Noble Pocket

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 42' 54" W (9) Lat. 38° 33' 06" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-120 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number 1072 (4) Site Name Reno 3 MI. NE

Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: Coarse alluvial material. Fossil material very rare, and  
generally fragmented when found. From Helms Co. borrow pit.

Geographic Data

(8) Long. 119° 46' 00" W (9) Lat. 39° 34' 00" N (10) State NV  
(11) County Washoe (12) B.L.M. District Carson City  
(13) Planning Unit Pine Nut  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Verdi, Scale 1:24,000, Edition 1967  
(16) Grid Coordinates Section 30, T. 20N R. 30E  
(17) Site Description

(18) Land Status BLM or Patented Land

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-121 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V3415 (4) Site Name Spanish Spring

Geologic Data

(5) Formation unnamed Plio.  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 119° 43' 00" W (9) Lat. 39° 42' 00" N (10) State NV  
(11) County Washoe (12) B.L.M. District Carson City  
(13) Planning Unit Pine Nut  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Spanish Spring Peak, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SE<sup>1</sup><sub>4</sub> Section 10, T. 21N R. 20N  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-122 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V66156 (4) Site Name Reno

Geologic Data

(5) Formation Coal Valley ?  
(6) Age Pliocene (Blancan)  
(7) Additional Data: \_\_\_\_\_

I. Geographic Data

(8) Long. 119° 52' 00" W (9) Lat. 39° 33' 00" N (10) State NV  
(11) County Washoe (12) B.L.M. District Carson City  
(13) Planning Unit Pine Nut  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Reno, Scale 1:62,500, Edition 1950  
(16) Grid Coordinates \_\_\_\_\_ Section 32, T. 20N R. 19E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

Early Blancan (late Pliocene) age indicated by presence of advanced horses referable to early Equus.

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-123 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V3943 (4) Site Name Hazen 1

Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Fine to medium grained lacustrine to terrestrial (lakeshore facies). Most fossils show some abrasion of transport.

II. Geographic Data

(8) Long. 119° 01' 40" W (9) Lat. 39° 36' 00" N (10) State NV  
(11) County Churchill (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 13, T. 20N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status Patented Land

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Stirton, R.A., 1936. Succession of North American continental Pliocene mammalian faunas. Am. J. Sci., v. 32.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80,7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalian

Horse

Rhino (Teleoceras sp.)

Camel

Rodent

Proboscideans (tooth fragments)

## PALEONTOLOGICAL RESOURCES INVENTORY

## DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

## Site Number, Name and Institutional Site Number

(1) Number V-124 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V5200 (4) Site Name Eastgate

## I. Geologic Data

(5) Formation Monarch Mill  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_

## II. Geographic Data

(8) Long. 117° 55' 56" W (9) Lat. 39° 17' 25" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 33, T. 17N R. 36E  
(17) Site Description Disarticulated bones weathered out on surface near site of  
old Monarch Mill.  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Calif.  
Univ. Publ. Geol. Sci., v. 33 : 186-188.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/19/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-125 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V5267 (4) Site Name Highway 40 2

Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 119° 00' 02" W (9) Lat. 29° 50' 00" N (10) State NV  
(11) County Churchill (12) B.L.M. District In Dist. to North  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 25, T. 23N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status Patented Land

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed . U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-126 (2) B.L.M. Map and Plot Overlay Carson City  
(3) Inst. Site Number V5683 (4) Site Name Lahontan Reservoir

Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

I. Geographic Data

(8) Long. 119° 03' 6" W (9) Lat. 39° 29' 40" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Silver Springs, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates \_\_\_\_\_ Section 22, T. 19N R. 38E  
(17) Site Description \_\_\_\_\_

(18) Land Status Bur. Rec.

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/19/80 BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-127 (2) B.L.M. Map and Plot Overlay Fallon

(3) Inst. Site Number V5806 (4) Site Name Lahontan Lake Beds

I. Geologic Data

(5) Formation Unnamed Quat.

(6) Age Quaternary (Rancholabrean)

(7) Additional Data: Material is highly fragmentary. Matrix non-lithified silts  
and silty clays.

II. Geographic Data

(8) Long. 118° 53' 10" W (9) Lat. 39° 35' 37" N (10) State NV

(11) County Churchill (12) B.L.M. District Carson City

(13) Planning Unit Fort Churchill

(14) AMS Sheet Reno, Edition 1962

(15) Quad. Soda Lakes, Scale 1:62,500, Edition 1951

(16) Grid Coordinates \_\_\_\_\_ Section 18/19, T. 19N R. 28E

(17) Site Description \_\_\_\_\_

(18) Land Status Either BLM or Bureau Rec.

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_ DATE 6/80 BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-128 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V6105 (4) Site Name Fallon NW

Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Equals UCMP Locs. V6117 (V-129, this report), and V5613 (V-47,  
this report).

I. Geographic Data

(8) Long. 119° 5' 40" W (9) Lat. 39° 31' 25" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$  Section 8, T. 19N R. 26E  
(17) Site Description

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-129 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V6117 (4) Site Name Chickabed Quarry 2

I. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Equals UCMP Locs. V5613 (V-47, this report), V6105 (V-128, this  
report) and V6135 (V-168, this report).

II. Geographic Data

(8) Long. 119° 5' 40" W (9) Lat. 39° 31' 25" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Two Tips, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$  Section 8, T. 19N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-130 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V67245 (4) Site Name Nevaxel 1

Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Site name evolves from D.I. Axelrod field notes (unpublished).

I. Geographic Data

(8) Long. 117° 54' 36" W (9) Lat. 39° 17' 36" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 34, T. 17N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Calif.  
Univ. Publ. Geol. Sci., v. 33.

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   7/80  , BY   J. Firby    
(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                       
(22) Where Housed   U.C. Mus. Paleo., Berkeley  

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-131 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V6976 (4) Site Name Brady Pocket 3

II. Geologic Data

(5) Formation Truckee  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 03' 26" W (9) Lat. 39° 56' 26" N (10) State NV  
(11) County Churchill (12) B.L.M. District In Dist. to North  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Fireball Ridge, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW<sub>1</sub> Section 15, T. 24N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1956. A new Clarendonian fauna from the Truckee formation of western Nevada. J. Paleont., v. 30: 186-202.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-132 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70138 (4) Site Name Nevaxel 3

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 30" W (9) Lat. 39° 15' 30" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 10, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Calif.  
Univ. Publ. Geol. Sci., v. 33.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-133 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70141 (4) Site Name Nevaxel 2

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 30" W (9) Lat. 39° 15' 30" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 10, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Calif.  
Univ. Publ. Geol. Sci., v. 33.

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   7/80  , BY   J. Firby  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                     

(22) Where Housed   U.C. Mus. Paleo., Berkeley  

VII. Fossil Data

Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-134 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70143 (4) Site Name Nevaxel 7

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 30" W (9) Lat. 39° 15' 30" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 11, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Calif.  
Univ. Publ. Geol. Sci., v. 33.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-135 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70144 (4) Site Name Nevaxel 8

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 30" W (9) Lat. 39° 15' 30" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 10, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Calif.  
Univ. Publ. Geol. Sci., v. 33.

VI. Field and Collection Data

(20) Field Check; YES ☒, NO ☐ DATE 6/80 BY H. Schorn and J. Firby

(21) Fossils Collected; YES ☒, NO ☐ FIELD NUMBER

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-136 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70145 (4) Site Name Nevaxel 9

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 30" W (9) Lat. 39° 15' 30" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 11, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Calif.  
Univ. Publ. Geol. Sci., v. 33.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn and J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-137 (2) B.L.M. Map and Plot Overlay Smith Creek Valley  
(3) Inst. Site Number V70146 (4) Site Name Nevaxel 10

II. Geologic Data

(5) Formation Middlegate  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 54' 30" W (9) Lat. 39° 15' 30" N (10) State NV  
(11) County Churchill (12) B.L.M. District Carson City  
(13) Planning Unit Fort Churchill  
(14) AMS Sheet Millett, Edition 1955  
(15) Quad. Eastgate, Scale 1:24,000, Edition 1969  
(16) Grid Coordinates \_\_\_\_\_ Section 10, T. 16N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Calif.  
Univ. Publ. Geol. Sci., v. 33.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn and J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-138 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number 3602 (4) Site Name Smith Valley SE

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 15' 00" W (9) Lat. 38° 44' 00" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Desert Creek Peak, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates NW $\frac{1}{4}$  Section 12, T. 10N R. 24E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.S. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-139 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V3940 (4) Site Name Lewis Coal Mine W

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Most fossil material has been removed during early  
excavations, and is housed at U.C. Mus. Paleo., Berkeley.

III. Geographic Data

(8) Long. 118° 55' 30" W (9) Lat. 38° 15' 00" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM or Patented Land

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-140 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V5109 (4) Site Name Wilson Canyon 1

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: Equals Calif. Inst. Tech. Loc. CIT 174

III. Geographic Data

(8) Long. 119° 13' 10" W (9) Lat. 38° 48' 28" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$  Section 18, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM or Bureau Rec./Power Withdrawals

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 11/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-141 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V5112 (4) Site Name Coal Valley 8

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 54' 24" W (9) Lat. 38° 30' 20" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-142 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V5113 (4) Site Name Coal Valley 9

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 54' 23" W (9) Lat. 38° 30' 13" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80 BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-143 (2) B.L.M. Map and Plot Overlay Walker Lake

(3) Inst. Site Number V5114 (4) Site Name Coal Valley 10

II. Geologic Data

(5) Formation Coal Valley

(6) Age Miocene (Clarendonian)

(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 118° 54' 22" W (9) Lat. 38° 30' 8" N (10) State NV

(11) County Lyon (12) B.L.M. District Carson City

(13) Planning Unit Walker

(14) AMS Sheet Walker Lake, Edition 1964

(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956

(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 27E

(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-144 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V65188 (4) Site Name Smith Valley SE

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 15' 00" W (9) Lat. 38° 45' 00" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Desert Creek Peak, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates NW<sup>1</sup><sub>4</sub> Section 12, T. 10N R. 24E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-145 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V65211 (4) Site Name Walker River General

II. Geologic Data

(5) Formation Unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: Site examination failed to discover any fossil remains.

III. Geographic Data

(8) Long. 119° 00' 00" W (9) Lat. 38° 50' 00" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NW $\frac{1}{4}$  Section 7, T. 11N R. 27E  
(17) Site Description

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80 BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-146 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V65214 (4) Site Name Walker River Hemphillian General

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 08' 00" W (9) Lat. 38° 48' 00" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 24, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn and J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-147 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V69136 (4) Site Name Hudson

II. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 16' 15" W (9) Lat. 38° 49' 30" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Wellington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates SW $\frac{1}{4}$  Section 11, T. 11N R. 24E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM or Patented Land

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-148 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V71099 (4) Site Name Hillhouse Dist.

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 119° 03' 00" W (9) Lat. 38° 45' 37" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates NW $\frac{1}{4}$  Section 2, T. 10N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-149 (2) B.L.M. Map and Plot Overlay Excelsior Mt.  
(3) Inst. Site Number V3939 (4) Site Name Squaw Valley 1

II. Geologic Data

(5) Formation Aldrich Station  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 54' 00" W (9) Lat. 38° 29' 50" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Aurora, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 6, T. 7N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada.  
Univ. Calif. Publ. Geol. Sci., v. 33.

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith  
Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo. Berkeley

VII. Fossil Data

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-150 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V3941 (4) Site Name Wichman

I. Geologic Data

(5) Formation Wichman  
(6) Age Pliocene (Blancan)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 119° 01' 30" W (9) Lat. 38° 39' 00" N (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates SE $\frac{1}{4}$  Section 12, T. 9N R. 26E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-151 (2) B.L.M. Map and Plot Overlay Excelsior Mt.  
(3) Inst. Site Number V3960 (4) Site Name Hawthorne

II. Geologic Data

(5) Formation unnamed Mio.  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 38' 20" W (9) Lat. 38° 26' 30" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Powell Mtn., Scale 1:62,500, Edition 1955  
(16) Grid Coordinates \_\_\_\_\_ Section \_\_\_\_\_, T. 6N R. 30E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status Military Res.

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-152 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V5110 (4) Site Name Coal Valley 6

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 57" W (9) Lat. 38° 30' 1" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 31, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

Turner, H.W., 1900. The Esmeralda formation, a fresh-water lake deposit in Nevada. U.S. Geol. Survey 21st Ann. Report, p. 2.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-153 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V5115 (4) Site Name Coal Valley 11

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 54' 20" W (9) Lat. 38° 30' 01" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 31, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Turner, H.W., 1900. The Esmeralda formation in fresh-water lake deposits in Nevada. U.S. Geol. Survey 21st Ann. Report, pt. 2.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-154 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V5983 (4) Site Name Paper Shale Fault

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 56' 28" W (9) Lat. 38° 35' 5" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates \_\_\_\_\_ Section 35, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

Turner, H.W., 1900. The Esmeralda formation in fresh-water lake deposits in Nevada. U.S. Geol. Survey 21st Ann. Report, pt. 2.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-155 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6019 (4) Site Name Snowball Valley N

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 52' 12" W (9) Lat. 38° 39' 02" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 8, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

Turner, H.W., 1900. The Esmeralda formation in fresh-water lake deposits in Nevada. U.S. Geol. Survey 21st Ann. Report, pt. 2.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

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PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-156 (2) B.L.M. Map and Plot Overlay Tone Valley  
(3) Inst. Site Number V6020 (4) Site Name Savage Canyon

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Brown, gypsiferous silts, compacted but not cemented. Local  
name in honor of Dr. Don Savage, U.C., Berkeley.

III. Geographic Data

(8) Long. 117° 57' 00" W (9) Lat. 38° 36' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates \_\_\_\_\_ Section 35, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-1

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9.

Turner, H.W., 1900. The Esmeralda formation in fresh-water lake deposits in Nevada. U.S. Geol. Survey 21st Ann. Report, pt. 2.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 4 /80, 7/80, 8/80 BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-157 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6021 (4) Site Name Fox Hill

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 50' 40" W (9) Lat. 38° 37' 37" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE $\frac{1}{4}$ /NE $\frac{1}{4}$  Section 20, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-1

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9.

Turner, H.W., 1900. The Esmeralda formation in fresh-water lake deposits in Nevada. U.S. Geol. Survey 21st Ann. Report, pt. 2.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 4/80, 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-158 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6022 (4) Site Name Pliohippus Pocket

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: For precise lithologic description, see Mawby, 1964.

III. Geographic Data

(8) Long. 117° 54' 12" (9) Lat. 38° 37' 39" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 19, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-159 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6024 (4) Site Name Paint-Brush Hill

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: For precise lithologic description, see Mawby, 1964.

III. Geographic Data

(8) Long. 117° 56' 42" W (9) Lat. 38° 38' 09" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE $\frac{1}{4}$ /NW $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 14, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8. no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 4/80, 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-160 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6025 (4) Site Name Owl Spel Draw

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene(Clarendonian)  
(7) Additional Data: See Mawby, 1964.

III. Geographic Data

(8) Long. 117° 51' 45" W (9) Lat. 38° 36' 39" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SE, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW<sub>1</sub><sup>1</sup>/NE<sub>1</sub><sup>1</sup> Section 28, T. 9N R. 37E  
(17) Site Description

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Firby, J.R., 1963. A new genus of planorbid gastropod from the Esmeralda formation of Nevada. J. Paleont., v. 37, no. 5.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-161 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6026 (4) Site Name Owl Canyon 1

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Well bedded tuffaceous sandstones. This locality is close to  
UCMP B-8300 and 8301 (I-27 and I-28, this report).

III. Geographic Data

(8) Long. 117° 52' 00" W (9) Lat. 38° 36' 14" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SE, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 28, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Firby, J.R., 1963. A new genus of planorbid gastropod from the Esmeralda formation of Nevada. J. Paleont., v. 37, no. 5.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

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PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-162 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6027 (4) Site Name Camel Pocket

II. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 57' 14" W (9) Lat. 38° 37' 40" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE<sub>4</sub>/SW<sub>4</sub>/SE<sub>4</sub> Section 15, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80,7/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-163 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6127 (4) Site Name Blue Cliff

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: See Mawby, 1964 for lithologic description.

III. Geographic Data

(8) Long. 117° 56' 16" W (9) Lat. 38° 36' 26" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates Center Section 26, T. 9N R. 36E  
(17) Site Description

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES   X  , NO            DATE   7/80   BY   J. Firby and H. Schorn  

(21) Fossils Collected; YES   X   NO            FIELD NUMBER                                 

(22) Where Housed   U.C. Mus. Paleo., Berkeley  

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-164 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6128 (4) Site Name Petrified Stump

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Brownish siltstone, with abundant fossil wood associated.

III. Geographic Data

(8) Long. 117° 56' 16" W (9) Lat. 38° 36' 26" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NW<sup>1</sup><sub>4</sub>/NW<sup>1</sup><sub>4</sub>/SE<sup>1</sup><sub>4</sub> Section 26, T. 9N R. 36E  
(17) Site Description

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-1

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80 BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-165 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6129 (4) Site Name Cave Cliff

II. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 55' 00" W (9) Lat. 38° 36' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW $\frac{1}{4}$  Section 25, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3



V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Fish vertebra



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-166 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6130 (4) Site Name Fingerrock Wash W 2

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Uncertain plot - exact locality searched for but not found.

III. Geographic Data

(8) Long. 117° 58' 00" W (9) Lat. 38° 35' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates \_\_\_\_\_ Section \_\_\_\_\_, T. 8N R. 36E  
(17) Site Description Location as given in UCMP files are wrong - the site would  
plot out in andesite agglomerate.  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY Field check attempted.

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-167 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6132 (4) Site Name Ichthyosaur Peak

II. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Karnian)  
(7) Additional Data: Specimens of this same species of *Shonisaurus* were made the type  
of the Nevada State Fossil, which although not referred to by specific taxa in  
the legislative act are based on this species.

III. Geographic Data

(8) Long. 117° 48' 18" W (9) Lat. 38° 30' 50" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SE, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates \_\_\_\_\_ Section 36, T. 8N R. 37E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-1

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   7/80  , BY   J. Firby  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                                 

(22) Where Housed   U.C. Mus. Paleo, Berkeley  

VII. Fossil Data      Reptilia

                    Ichthyosaur

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-168 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6135 (4) Site Name Snowball Valley W 2

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: See Mawby, 1964.

III. Geographic Data

(8) Long. 117° 53' 18" W (9) Lat. 38° 38' 20" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NW $\frac{1}{4}$ /SE $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 17, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 4/60, 6/80  
7/80 BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-169 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6142 (4) Site Name Owl Canyon 2

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 52' 12" W (9) Lat. 38° 36' 04" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 SE, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW $\frac{1}{4}$ /SE $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 28, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Firby, J.R., 1963. A new genus of planorbid gastropod from the Esmeralda formation of Nevada. J. Paleont., v. 37, no. 5.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-170 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6143 (4) Site Name Dunham Claim

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 53' 01" W (9) Lat. 38° 37' 52" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE<sub>4</sub><sup>1</sup>/SW<sub>4</sub><sup>1</sup> Section 17, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-171 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6145 (4) Site Name Owl Canyon Gomphothera

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Most material has been removed from this locality in tuffaceous  
sandstones of Owl Canyon, although numerous other fossil mammal fragments  
weathering out of this locality.

III. Geographic Data

(8) Long. 117° 52' 17" W (9) Lat. 38° 36' 54" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SE, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW<sub>4</sub><sup>1</sup>/SW<sub>4</sub><sup>1</sup> Section 21, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

Mawby, J.E., 1968. Megabeloden minor (Mammalia, Proboscidea), a new species of mastodont from the Esmeralda Formation of Nevada. Paleo. Bios., no. 4: 10 p.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-172 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6155 (4) Site Name Blue Cliff N

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 56' 15" W (9) Lat. 38° 36' 41" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW<sub>1</sub><sup>1</sup>/NW<sub>1</sub><sup>1</sup>/NE<sub>1</sub><sup>1</sup> Section 26, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-173 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6209 (4) Site Name Lastday

II. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 58' 00" W (9) Lat. 38° 39' 55" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE<sub>4</sub><sup>1</sup>/NE<sub>4</sub><sup>1</sup>/SE<sub>4</sub><sup>1</sup> Section 4, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-174 (2) B.L.M. Map and Plot Overlay Tonopah  
(3) Inst. Site Number V6210 (4) Site Name Cinnabar Canyon

II. Geologic Data

(5) Formation unnamed Mio.  
(6) Age Miocene (Barstovian?)  
(7) Additional Data: Mammal fossils are quite fragmentary.

III. Geographic Data

(8) Long. 117° 59' 00" W (9) Lat. 38° 24' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. \_\_\_\_\_, Scale \_\_\_\_\_, Edition \_\_\_\_\_  
(16) Grid Coordinates \_\_\_\_\_ Section 9, T. 8N R. 36E  
(17) Site Description Further up canyon are Triassic patch reefs, discussed by D.  
Cornwall, M.A. thesis, Univ. Nevada. Reno.  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

\* Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.

\* Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

\* Treat area and fauna in a general way.

VI. Field and Collection Data

(20) Field Check; YES X, NO       , DATE 4/80, BY J. Firby

(21) Fossils Collected; YES X, NO       , FIELD NUMBER       

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-175 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6579 (4) Site Name Fingerrock Wash

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: Equals Tedford Pocket (V5915), this report.

III. Geographic Data

(8) Long. 117° 55' 55" W (9) Lat. 38° 35' 21" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE<sub>4</sub>/SE<sub>4</sub>/SE<sub>4</sub> Section 35, T. 9N R. 36E  
(17) Site Description

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and  
Tone valleys. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley.

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-176 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V65210 (4) Site Name Walker Lake General

II. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 118° 44' 00" W (9) Lat. 38° 40' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Walker Lake, Scale 1:250,000, Edition 1966  
(16) Grid Coordinates \_\_\_\_\_ Section 34, T. 8N R. 29E  
(17) Site Description \_\_\_\_\_  
(18) Land Status BLM or Patented Land

IV. Sensitivity Evaluation (19) S-3



V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.S. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-177 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number V65227 (4) Site Name Pine Grove Valley General

II. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 119° 06' 45" W (9) Lat. 38° 41' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Pine Grove Hills, Scale 1:62,500, Edition 1958  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 31, T. 10N R. 26E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status National Forest

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-178 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V65246 (4) Site Name Stewart Valley General

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 58' 00" W (9) Lat. 38° 36' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW $\frac{1}{4}$  Section 27, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

- \*Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.
- Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.
- \*Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.
- \*Turner, H.W., 1900. The Esmeralda formation in fresh-water lake deposits in Nevada. U.S. Geol. Survey 21st Ann. Report, pt. 2.

\* All general references.

VI. Field and Collection Data

- (20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY J. Firby and H. Schorn
- (21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_
- (22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-179 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V67199 (4) Site Name Stewart Valley 9

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 57' 00" W (9) Lat. 38° 39' 00" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates \_\_\_\_\_ Section 11, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

- \*Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.
- Mawby, J.E., 1964. Pliocene vertebrate and stratigraphy in Stewart and Ione valleys. Ph.D. dissert., Univ. California, Berkeley.
- \*Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.
- \*Turner, H.W., 1900. The Esmeralda formation in fresh-water lake deposits in Nevada. U.S. Geol. Survey 21st Ann. Report, pt. 2.

\* All general references.

VI. Field and Collection Data

- (20) Field Check; YES  X , NO \_\_\_\_\_, DATE \_\_\_\_\_, BY  J. Firby and H. Schorn
- (21) Fossils Collected; YES  X , NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_
- (22) Where Housed  U.C. Mus. Paleo., Berkeley

VII. Fossil Data            Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-180 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V71101 (4) Site Name Coal Valley NE 2

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 52" W (9) Lat. 38° 33' 17" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 33.

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY H. Schorn and J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

FALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-181 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V71102 (4) Site Name Coal Valley NE 3

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 45" W (9) Lat. 38° 33' 13" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene florals from west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 33.

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-182 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V71103 (4) Site Name Coal Valley NE 4

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 51" W (9) Lat. 38° 33' 10" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 33.

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X DATE \_\_\_\_\_ BY \_\_\_\_\_

(21) Fossils Collected; YES X NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-183 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V71104 (4) Site Name Coal Valley NE 5

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 55" W (9) Lat. 38° 33' 07" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 33.

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-184 (2) B.L.M. Map and Plot Overlay Walker Lake  
(3) Inst. Site Number V71105 (4) Site Name Coal Valley NE General

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 118° 53' 45" W (9) Lat. 38° 33' 13" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Mt. Grant, Scale 1:62,500, Edition 1956  
(16) Grid Coordinates \_\_\_\_\_ Section 18, T. 8N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1956. Mio-Pliocene floras from west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 33.

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-185 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V71141 (4) Site Name Stewart Valley 10

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \*The coordinates given for this locality by U.C., Berkeley Mus.  
Paleo. are in error, puts locality in Triassic limestones. Locality could  
not be located with any precision and should be considered lost.

III. Geographic Data

(8) Long. \* 117° 48' 57" W (9) Lat. 38° 32' 13" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. \_\_\_\_\_, Scale \_\_\_\_\_, Edition \_\_\_\_\_  
(16) Grid Coordinates \_\_\_\_\_ Section \_\_\_\_\_, T. \_\_\_\_\_ R. \_\_\_\_\_  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_ BY \_\_\_\_\_ Locality lost.

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammals

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PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-186 (2) B.L.M. Map and Plot Overlay Tonopah  
(3) Inst. Site Number V77103 (4) Site Name Cinnabar Canyon

II. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Karnian)  
(7) Additional Data: Patch reef limestones with spongiomorphids, cephalopods,  
brachiopods, etc. associated with fragments of Ichthysaur - mostly rib  
fragments.

III. Geographic Data

(8) Long. 117° 58' 53" W (9) Lat. 38° 24' 24" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1962  
(16) Grid Coordinates \_\_\_\_\_ Section 4, T. 8N R. 36E  
(17) Site Description In north wall of canyon, from base near the top. Mentioned in  
detail by D. Cornwall in her thesis, Univ. Nevada, Reno. Sensitivity rated 2  
on basis of unusual association.  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Cornwall, D., 1979. .Paleoecology of Upper Triassic Bioherms in the Pilot Mountains, Mineral County, west-central Nevada. M.A. thesis, Univ. Nevada, Reno.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 4/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkley; M.S.M., Univ. Nevada, Reno.

VII. Fossil Data

Reptilia

Ichthyosaur

Invertebrate marine fauna

Mollusca

cephalopoda

bivalvia

Brachiopoda



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

-712-

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-187 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V79072 (4) Site Name Fish Quarry 1

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 117° 56' 09" W (9) Lat. 38° 35' 18" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates \_\_\_\_\_ Section 2, T. 8N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

Lucas, F.A., 1900. A new fossil cyprinoid, Leuciscus turneri from the Miocene of Nevada. U.S. Nat. Mus. Proc. 23: 333-334.

Lugaski, T., 1977. Additional notes and discussion of the relationship of Gila Esmeralda La Rivers, 1966, from the "Esmeralda" formation. Biol. Soc. Nevada, Occas. Paper, 44.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley; M.S.M., Univ. Nevada, Reno.

VII. Fossil Data

Fish

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-188 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V79110 (4) Site Name Tedford Pocket Annex

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 55' 50" W (9) Lat. 38° 35' 20" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE<sub>4</sub>/SE<sub>4</sub>/SE<sub>4</sub> Section 35, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains  
region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.  
(general reference only)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-189 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V7911 (4) Site Name Two Tips

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 56' 28" W (9) Lat. 38° 36' 38" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE<sub>4</sub>/SE<sub>4</sub>/NW<sub>4</sub> Section 26, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Lugaski, T., 1977. Additional notes and discussion of the relationship of Gila Esmeralda La Rivers, 1966, from the "Esmeralda" formation. Biol. Soc. Nevada, Occas. Paper, 44.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Fish

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-190 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V79112 (4) Site Name Barb's Site

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 57' 45" W (9) Lat. 38° 38' 16" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE $\frac{1}{4}$ /SW $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 15, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

\*Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys  
in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.

\*Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains  
region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

\*General reference only.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-191 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V79113 (4) Site Name Don's Crawl

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 51' 25" W (9) Lat. 38° 38' 40" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW<sub>4</sub><sup>1</sup>/SW<sub>4</sub><sup>1</sup>/SE<sub>4</sub><sup>1</sup> Section 10, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

General references only.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

## PALEONTOLOGICAL RESOURCES INVENTORY

## DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

## I. Site Number, Name and Institutional Site Number

(1) Number V-192 (2) B.L.M. Map and Plot Overlay Ione Valley  
 (3) Inst. Site Number V79133 (4) Site Name Fish Quarry 3 (Pacific Union Site)

## II. Geologic Data

(5) Formation "Esmeralda"  
 (6) Age Miocene (Barstovian)  
 (7) Additional Data: Well bedded shales, in places, "paper shales". Associated  
with plant and insect fossils - very rare site.

## II. Geographic Data

(8) Long. 117° 56' 23" W (9) Lat. 38° 34' 33" N (10) State NV  
 (11) County Mineral (12) B.L.M. District Carson City  
 (13) Planning Unit Mina  
 (14) AMS Sheet Tonopah, Edition 1962  
 (15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
 (16) Grid Coordinates SE<sub>4</sub><sup>1</sup>/NE<sub>4</sub><sup>1</sup>/SW<sub>4</sub><sup>1</sup> Section 2, T. 8N R. 36E  
 (17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-1

V. Literature Data (By: Author(s), Year, Title, Publication)

Lugaski, T., 1977.. Additional notes and discussion of the relationship  
of Gila Esmeralda La Rivers 1966, from the "Esmeralda" formation.  
Biol. Soc. Nevada, Occas. Paper 44.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Fish

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-193 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 2021 (4) Site Name Ione Valley 12

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 42' 40" W (9) Lat. 38° 34' 15" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 9, T. 8N R. 38E  
(17) Site Description One of J.C. Merriams (1916) original localities.  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-194 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 2025 (4) Site Name Ione Valley 16

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 42' 48" W (9) Lat. 38° 34' 00" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 9, T. 8N R. 38E  
(17) Site Description One of J.C. Merriam's (1916) original localities.  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-195 = (V-162) (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number 2029 (4) Site Name Cedar Mt. N. 6

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Equals UCMF V6027 (V-162, this report).

III. Geographic Data

(8) Long. 117° 57' 14" W (9) Lat. 38° 37' 40" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 22, T. 9N R. 37E  
(17) Site Description One of J.C. Merriam's (1916) original localities.

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-196 (2) B.L.M. Map and Plot Overlay Tonopah  
(3) Inst. Site Number V3648 (4) Site Name Tonopah

II. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 15' 21" W (9) Lat. 38° 11' 45" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Lone Mountain, Scale 1:62,500, Edition 1961  
(16) Grid Coordinates \_\_\_\_\_ Section \_\_\_\_\_, T. \_\_\_\_\_ R. \_\_\_\_\_  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

## VI. Field and Collection Data

(20) Field Check; YES X, NO           , DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

## VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-197 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6023 (4) Site Name Arrowhead Canyon

I. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 117° 44' 30" W (9) Lat. 38° 32' 12" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 19, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-198 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6136 (4) Site Name Confusion Quarry

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 53' 00" W (9) Lat. 38° 38' 24" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates NE $\frac{1}{4}$ /SE $\frac{1}{4}$  Section 17, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and  
Tone valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X \_\_\_\_\_, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X \_\_\_\_\_, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-199 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6137 (4) Site Name Shoreline

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 43' 18" W (9) Lat. 38° 33' 36" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 16, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-200 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6138 (4) Site Name Moss Agate Hill

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 42' 54" W (9) Lat. 38° 33' 30" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 16, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione Valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO ☒ DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES ☒ NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_ U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-201 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6140 (4) Site Name Faultline

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 44' 24" W (9) Lat. 38° 31' 18" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Tonopah, Scale 1:250,000, Edition 1908  
(16) Grid Coordinates \_\_\_\_\_ Section 31, T. 8N R. 38E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-203 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6206 (4) Site Name Pseudaelurus

II. Geologic Data

(5) Formation "Esmeralda"  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 52' 54" W (9) Lat. 38° 38' 18" N (10) State NV  
(11) County Mineral (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE<sub>4</sub><sup>1</sup>/NE<sub>4</sub><sup>1</sup>/SE<sub>4</sub><sup>1</sup> Section 17, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-204 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V75013 (4) Site Name Union Canyon 4

I. Geologic Data

(5) Formation Luning  
(6) Age Triassic (Norian/Karnian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 117° 35' 30" W (9) Lat. 38° 52' 18" N (10) State NV  
(11) County Nye (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit \_\_\_\_\_  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Ione, Scale 1:62,500, Edition 1950  
(16) Grid Coordinates \_\_\_\_\_ Section \_\_\_\_\_, T. 13N R. 39E  
(17) Site Description Examination of site was done by the author during general  
survey of area.  
(18) Land Status BLM or National Forest

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Silberling, N.J., 1959. Pre-Tertiary stratigraphy and Upper Triassic paleontology of the Union District, Shoshone Mountains, Nevada.  
U.S. Geol. Survey Prof. Paper 322: 67 p.

VI. Field and Collection Data

(20) Field Check; YES ☒, NO ☐ DATE \_\_\_\_\_ BY J. Firby

(21) Fossils Collected; YES ☒, NO ☐ FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Reptilia

Ichthyosaur

Invertebrates

Mollusca

Cephalopods

Tropites

Klamathites schucherti

K. macrolobatus

Bivalvia

Septocardium

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-205 (2) B.L.M. Map and Plot Overlay Carson City  
(3) Inst. Site Number V5204 (4) Site Name Virginia City (= Chalk Hills)

I. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Equals UCMP Loc. P-5, this report.

II. Geographic Data

(8) Long. 119° 34' 00" W (9) Lat. 39° 23' 00" N (10) State NV  
(11) County Storey (12) B.L.M. District Carson City  
(13) Planning Unit Pine Nut  
(14) AMS Sheet Reno, Edition 1957  
(15) Quad. Chalk Hills, Scale 1:24,000, Edition 1967  
(16) Grid Coordinates NE<sup>1</sup>/<sub>4</sub>/NW<sup>1</sup>/<sub>4</sub>/SE<sup>1</sup>/<sub>4</sub> Section 36, T. 18N R. 21E  
(17) Site Description

(18) Land Status Patented Land

V. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1962. A Pliocene Sequoidendron forest from western Nevada.  
Calif. Univ. Publ. Geol. Sci., v. 39, no. 3: 195-239.

LaRivers, I., 1953. A Lower Pliocene frog from western Nevada. J.  
Paleont., v. 27: 77-81.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80 BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data      Reptilia

Type Locality: Rana johnsoni La Rivers (plants, see site P-5).

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-206 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V5211 (4) Site Name Pyramid Lake W.

I. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 119° 33' 21" W (9) Lat. 39° 54' 35" N (10) State NV  
(11) County Washoe (12) B.L.M. District Adjacent to Carson City Dist.  
(13) Planning Unit Indian Lands  
(14) AMS Sheet Reno, Edition 1957  
(15) Quad. Sutcliffe, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NW $\frac{1}{4}$  Section 36, T. 24N R. 21E  
(17) Site Description \_\_\_\_\_

(18) Land Status Indian Lands

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-209 (2) B.L.M. Map and Plot Overlay Kumiva Peak  
(3) Inst. Site Number V6577 (4) Site Name Long Valley 2

I. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Blancan)  
(7) Additional Data: Early Pleistocene (late Blancan) age.

II. Geographic Data

(8) Long. 119° 59' 00" W (9) Lat. 40° 13' 00" N (10) State NV  
(11) County Washoe (12) B.L.M. District Carson City  
(13) Planning Unit Pyramid  
(14) AMS Sheet Lovelock, Edition 1962  
(15) Quad. Flanigan, Scale 1:24,000, Edition 1964  
(16) Grid Coordinates \_\_\_\_\_ Section 17, T. 27N R. 18E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-210 (2) B.L.M. Map and Plot Overlay Kumiva Peak  
(3) Inst. Site Number V65172 (4) Site Name Astor Pass

I. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 119° 47' 15" W (9) Lat. 40° 11' 40" N (10) State NV  
(11) County Washoe (12) B.L.M. District Carson City  
(13) Planning Unit Pyramid  
(14) AMS Sheet Lovelock, Edition 1962  
(15) Quad. Astor Pass, Scale 1:24,000, Edition 1964  
(16) Grid Coordinates \_\_\_\_\_ Section 19, T. 27N R. 28E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Merriam, J.C., 1915. An Occurrence of mammalian remains in a Pleistocene lake and deposit at Astor Pass, near Pyramid Lake, Nevada. Univ. Calif. Publ. Bull., Dept. Geol., v. 8.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

Equus sp.

Camelops hesternus

Panthera atrox



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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-211 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V65296 (4) Site Name Verdi SE

I. Geologic Data

(5) Formation Coal Valley  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: Mostly scraps of mammal bone, and part of a lower (P<sub>4</sub>) horse  
tooth identified as ? Nehipparion sp.

II. Geographic Data

(8) Long. 119° 59' 00" W (9) Lat. 39° 30' 55" N (10) State NV  
(11) County Washoe (12) B.L.M. District Carson City  
(13) Planning Unit Pine Nut  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Verdi, Scale 1:24,000, Edition 1967  
(16) Grid Coordinates N<sub>1</sub><sup>2</sup> Section 17, T. 19N R. 18E  
(17) Site Description

(18) Land Status Patented Land

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Axelrod, D.I., 1958. The Pliocene Verdi flora, western Nevada. Univ. Calif. Publ. Geol. Sci., v. 34, no. 2.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 4/80, 5/80, 6/80 BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley; M.S.M., Univ. Nevada, Reno.

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-212 (2) B.L.M. Map and Plot Overlay Reno  
(3) Inst. Site Number V69135 (4) Site Name Truckee River Gravel Pit

II. Geologic Data

(5) Formation unnamed Quat.  
(6) Age Quaternary (Rancholabrean)  
(7) Additional Data: Informally named "Older Reno Gravels"

III. Geographic Data

(8) Long. 119° 51' 00" W (9) Lat. 39° 31' 00" N (10) State NV  
(11) County Wahoe (12) B.L.M. District Carson City  
(13) Planning Unit Pine Nut  
(14) AMS Sheet Reno, Edition 1962  
(15) Quad. Reno, Scale 1:24,000, Edition 1967  
(16) Grid Coordinates NE $\frac{1}{4}$  Section 16, T. 19N R. 19E  
(17) Site Description Large borrow pit, north of I-80, operated by Helms Construction  
Company, Reno. Fossils are rare, usually show up after excavation of  
gravel.  
(18) Land Status Patented Land

IV. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 10/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley; M.S.M., Univ. Nevada, Reno.

VII. Fossil Data

Mammalia

Equus sp.

Mammuthus sp.

Bison sp.

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-213 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V-3 temp (4) Site Name \_\_\_\_\_

II. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 56' 10" W (9) Lat. 38° 37' 08" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE $\frac{1}{4}$ /NW $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 23, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-214 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V-2 (4) Site Name Schorn #1

I. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 56' 18" W (9) Lat. 38° 37' 18" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW<sub>4</sub><sup>1</sup>/SW<sub>4</sub><sup>1</sup>/NE<sub>4</sub><sup>1</sup> Section 23, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

New locality - only general references as Buwalda (1914), Mawby (1964),  
Merriam (1916), Firby (1966), etc .

VI. Field and Collection Data

(20) Field Check; YES   X  , NO           , DATE   8/80  , BY   J. Firby and H. Schorn  

(21) Fossils Collected; YES   X  , NO           , FIELD NUMBER                   

(22) Where Housed           U.C. Mus. Paleo., Berkeley          

VII. Fossil Data          Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-215 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6144 (4) Site Name \_\_\_\_\_

I. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 117° 52' 34" W (9) Lat. 38° 37' 46" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE<sub>4</sub><sup>1</sup>/SE<sub>4</sub><sup>1</sup>/SE<sub>4</sub><sup>1</sup> Section 17, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_

(18) Land Status \_\_\_\_\_

V. Sensitivity Evaluation (19) S-2

Literature Data (By: Author(s), Year, Title, Publication)

r)

Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE \_\_\_\_\_, BY J. Firby and H. Schorn rn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

I. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-216 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6035 (4) Site Name \_\_\_\_\_

Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

I. Geographic Data

(8) Long. 117° 53' 01" W (9) Lat. 38° 38' 16" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 17, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

- Buwalda, J.P., 1914. Tertiary mammal beds of Stewart and Ione valleys in west-central Nevada. Univ. Calif. Publ. Geol. Sci., v. 8, no. 19.
- Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.
- Merriam, J.C., 1916. Tertiary vertebrate fauna from the Cedar Mountains region of western Nevada. Univ. Calif. Publ. Geol. Sci., v. 9, no. 13.

VI. Field and Collection Data

- (20) Field Check; YES ☒, NO ☐, DATE 8/80, BY J. Firby and H. Schorn
- (21) Fossils Collected; YES ☒, NO ☐, FIELD NUMBER
- (22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-217 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V79074 (4) Site Name Discovery Site

I. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 117° 56' 11" W (9) Lat. 38° 34' 33" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Golddyke 3SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates S<sub>1</sub>/SW<sub>4</sub>/SE<sub>1</sub> Section 35, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-1

V. Literature Data (By: Author(s), Year, Title, Publication)

Lugaski, T., 1977. Additional notes and discussion of the relationship of Gila Esmeralda La Rivers 1966, from the "Esmeralda" formation. Biol. Soc. Nevada, Occas. Paper 44.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data    Fish



## PALEONTOLOGICAL RESOURCES INVENTORY

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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

## Site Number, Name and Institutional Site Number

(1) Number V-218 (2) B.L.M. Map and Plot Overlay Ione Valley  
 (3) Inst. Site Number V-4 (4) Site Name temp

## Geologic Data

(5) Formation Esmeralda  
 (6) Age Miocene (Barstovian)  
 (7) Additional Data: \_\_\_\_\_

## I. Geographic Data

(8) Long. 117° 55' 29" W (9) Lat. 38° 35' 17" N (10) State NV  
 (11) County Mineral (12) B.L.M. District Carson City  
 (13) Planning Unit Mina  
 (14) AMS Sheet Tonopah, Edition 1962  
 (15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
 (16) Grid Coordinates SE $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 36, T. 9N R. 36E  
 (17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-219 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V-1temp (4) Site Name Hansen Quarry

I. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Clarendonian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. 117° 56' 41" W (9) Lat. 38° 37' 07" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE<sub>1</sub>/NW<sub>1</sub>/SW<sub>1</sub> Section 23, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 6/80, BY J. Firby and H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-220 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V6035 (4) Site Name \_\_\_\_\_

I. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 53' 01" W (9) Lat. 38° 38' 16" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1962  
(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE $\frac{1}{4}$ /NW $\frac{1}{4}$  Section 17, T. 9N R. 37E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-3

V. Literature Data (By: Author(s), Year, Title, Publication)

VI. Field and Collection Data

(20) Field Check; YES \_\_\_\_\_, NO X, DATE \_\_\_\_\_, BY \_\_\_\_\_

(21) Fossils Collected; YES \_\_\_\_\_, NO x, FIELD NUMBER \_\_\_\_\_

(22) Where Housed \_\_\_\_\_

VII. Fossil Data

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-221 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number \_\_\_\_\_ (4) Site Name Schorn No. 1

Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

I. Geographic Data

(8) Long. 117° 56' 18" W (9) Lat. 38° 37' 18" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1956  
(15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SW $\frac{1}{4}$ /SW $\frac{1}{4}$ /NE $\frac{1}{4}$  Section 23, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2



V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. Dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES ☒ , NO ☐ , DATE 8/80 BY H. Schorn

(21) Fossils Collected; YES ☒ , NO ☐ , FIELD NUMBER

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-222 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number \_\_\_\_\_ (4) Site Name Schorn No. 2

II. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 56' 10" W (9) Lat. 38° 37' 08" N (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1956  
(15) Quad. Golddyke 3SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE $\frac{1}{4}$ /NW $\frac{1}{4}$ /SE $\frac{1}{4}$  Section 23, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
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CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-223 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number \_\_\_\_\_ (4) Site Name Hansen Quarry

II. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. 117° 56' 41" (9) Lat. 38° 37' 07" (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1956  
(15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates SE<sub>1</sub>/NW<sub>1</sub>/SW<sub>1</sub> Section 23, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. PH.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-224 (2) B.L.M. Map and Plot Overlay Ione Valley

(3) Inst. Site Number V-6144 (4) Site Name \_\_\_\_\_

Geologic Data

(5) Formation Esmeralda

(6) Age Miocene (Barstovian)

(7) Additional Data: \_\_\_\_\_

\_\_\_\_\_

II. Geographic Data

(8) Long. 117° 52' 34" (9) Lat. 38° 37' 46" (10) State NV

(11) County Mineral (12) B.L.M. District Carson City

(13) Planning Unit Mina

(14) AMS Sheet Tonopah, Edition 1956

(15) Quad. Goldyke 3 NW, Scale 1:24,000, Edition Prelim.

(16) Grid Coordinates SE<sub>1</sub>/SE<sub>1</sub>/SE<sub>1</sub> Section 17, T. 9N R. 37E

(17) Site Description \_\_\_\_\_

\_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 8/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia



PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-225 (2) B.L.M. Map and Plot Overlay Ione Valley  
(3) Inst. Site Number V-79074 (4) Site Name Discovery Site

I. Geologic Data

(5) Formation Esmeralda  
(6) Age Miocene (Barstovian)  
(7) Additional Data: \_\_\_\_\_

III. Geographic Data

(8) Long. 117° 56' 11" (9) Lat. 38° 34' 33" (10) State NV  
(11) County Mineral (12) B.L.M. District Carson City  
(13) Planning Unit Mina  
(14) AMS Sheet Tonopah, Edition 1956  
(15) Quad. Golddyke 3 SW, Scale 1:24,000, Edition Prelim.  
(16) Grid Coordinates S½/SW¼/SE¼ Section 35, T. 9N R. 36E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Mawby, J.E., 1964. Pliocene vertebrates and stratigraphy in Stewart and Ione valleys, Nevada. Ph.D. dissert., Univ. California, Berkeley.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 3/80, BY H. Schorn

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER \_\_\_\_\_

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
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Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

Site Number, Name and Institutional Site Number

(1) Number V-226 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number CIT174 (4) Site Name CIT-174

I. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_

II. Geographic Data

(8) Long. \_\_\_\_\_ (9) Lat. \_\_\_\_\_ (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$ /NE $\frac{1}{4}$  Section 19, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_

(18) Land Status BLM

V. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33: 872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO \_\_\_\_\_, DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO \_\_\_\_\_, FIELD NUMBER 1

(22) Where Housed U.C. Mus. Paleo., Berkeley; Calif. Inst. Technology

VII. Fossil Data Mammalia

PALEONTOLOGICAL RESOURCES INVENTORY  
DATA REGISTER and SENSITIVITY EVALUATION

CARSON CITY BUREAU OF LAND MANAGEMENT DISTRICT  
CONTRACT YA512-CT9-262

Prefixes: P=Plant, V=Vertebrate, I=Invertebrate Fossil Sites

I. Site Number, Name and Institutional Site Number

(1) Number V-227 (2) B.L.M. Map and Plot Overlay Smith Valley  
(3) Inst. Site Number CIT176 (4) Site Name CIT176

II. Geologic Data

(5) Formation Coal Valley  
(6) Age Pliocene (Hemphillian)  
(7) Additional Data: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

III. Geographic Data

(8) Long. \_\_\_\_\_ (9) Lat. \_\_\_\_\_ (10) State NV  
(11) County Lyon (12) B.L.M. District Carson City  
(13) Planning Unit Walker  
(14) AMS Sheet Walker Lake, Edition 1964  
(15) Quad. Yerington, Scale 1:62,500, Edition 1957  
(16) Grid Coordinates NE $\frac{1}{4}$ /SW $\frac{1}{4}$  Section 33, T. 11N R. 25E  
(17) Site Description \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(18) Land Status BLM

IV. Sensitivity Evaluation (19) S-2

V. Literature Data (By: Author(s), Year, Title, Publication)

Macdonald, J.R., 1959. The Middle Pliocene mammalian faunas from Smith Valley, Nevada. J. Paleont., v. 33:872-887.

VI. Field and Collection Data

(20) Field Check; YES X, NO       , DATE 7/80, BY J. Firby

(21) Fossils Collected; YES X, NO       , FIELD NUMBER       

(22) Where Housed U.C. Mus. Paleo., Berkeley

VII. Fossil Data

Mammalia

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